

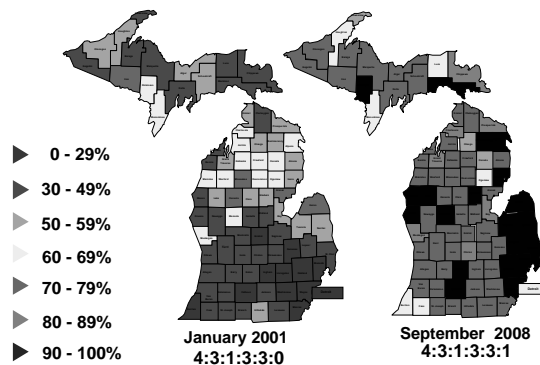
## MCIR update

Michigan 2008 Regional  
Immunization Conferences

## Topics

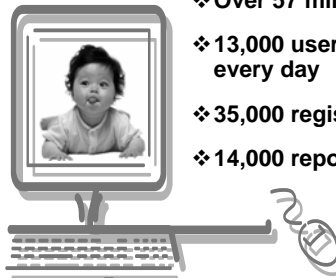
- System status
- Enhancements
  - “Simple” recall letter
  - High risk influenza reminder
  - Vaccine Inventory Module (VIM)
- Influenza tools
- Adolescent tools
- VIM update

Current Immunization Profile for 19 - 35 Month Old Children  
Based on MCIR Data



## MCIR Activity

- ❖ 4.7 million records
- ❖ Over 57 million shot records
- ❖ 13,000 user log-ins to MCIR every day
- ❖ 35,000 registered users
- ❖ 14,000 reports/day



## Influenza tools

## High risk influenza checkbox

**Reminder Outreach Notices** Print Help Home Exit

Person Reports **VIM** Rem/Rec My Site Admin Other

Create Reminder Create Recall Retrieve/Confirm Results Create Reports Access Reports

Target Date: 09/20/2008 Description: FMD\_122183938766 Preview Report

Type of Reminder Notice

☐ Happy Birthday Reminder Notice (1 year)

☐ Kindergarten Reminder Notice (5 year)

☐ Adolescent Reminder Notice (11 year)

☒ **High Risk Reminder Notice**

Generate Notice based on options

☐ Use only patient roster

Generate notices based on geography

ZIP Code

Provider Message

The MCIR shows your child to be overdue for vaccinations. Many diseases are preventable only when vaccines and boosters are up to date. Together we can help children be as healthy as possible. Please call us for an appointment at (269) 463-5711. Thank you!

Maximum people to be included in the result 300

Submit Cancel

## High risk influenza reminder

09/19/2008  
Dear Test Tester

Our records indicate that you are at increased risk for flu and complications based on your age or past medical history and age. The flu causes serious infections and thousands of deaths each year. Flu vaccine is the best means of preventing this infection.

We strongly recommend that you get a flu shot. People who live with you or care for you need the flu vaccine, too. Please call us today to arrange for your flu vaccine.

The MCIR shows your child to be overdue for vaccinations. Many diseases are preventable only when vaccines and boosters are up to date. Together we can help children be as healthy as possible. Please call us for an appointment at (269) 463-5711. Thank you!

## Influenza profile report

- Run this profile report for patients needing dose 2 of influenza
- Set age range: 6 months but not yet 96 months (8 years)
- Set "Minimum doses of influenza" to 1

**Report Parameters** Current Immunization Profile by Provider ID

Report

People of age at least (months) 6

But not yet of age (months) 96

Minimum Doses of DTap-DTdT4 0

Minimum Doses of IPV 0

Minimum Doses of MMR 0

Minimum Doses of Hib 0

Minimum Doses of HepB 0

Minimum Doses of Varicella 0

Minimum Doses of PCV7 (Prevnar) 0

Minimum Doses of HepA 0

Minimum Doses of Rotavirus 0

Minimum Doses of Influenza **1**

Minimum Doses of Meningococcal 0

Minimum Doses of HPV 0

Migrant People Exclude

List People Not Meeting Criteria Yes

Display People As ☐ List ☒ Official Immunization Report

Description Patients needing Flu/dose 2

Submit Cancel

**Additional Info**  
(Runs) Immediately, kept 10 days  
Generates clinic assessments of people attached to the MCIR provider ID. The parameters for age and vaccine series are set by the end user.

## Influenza Vaccine Exchange Network (IVEN)

**IVEN** Print Help Home Exit

Person Reports **VIM** Rem/Rec My Site Admin Other

Get News Usage Agmt MCIR Training MCIR.org VIS IVEN Exit App

Create/View/Edit my postings **How-to** Guidelines/Policy IVEN Documentation

Enter Search Criteria

Type ☐ Vaccine requests ☐ Available vaccines

Ped./Ad. ☒ Both ☐ Pediatric ☐ Adult

Manufacturer Product

Region County Zip

Search Cancel

Type Product Manufacturer Ped./Ad. Doses T.Log

Please enter search criteria

## Adolescent tools

**Michigan Care Improvement Registry** Michigan

Person Reports Vaccine Mgmt

Add/End Batch Retrieve Results Manage Inventory

Booster Retrieve Results View Inventory History

Booster Create Reports Costs Administered

VACC VEC Access Reports

Reminder/Recall My Site

Create Reminder Site Preferences

Create Recall User Preferences

Retrieve/Confirm Results Edit My Site

Create Reports View My Site List

Access Reports Go to New Site

Administration Other

Add/End User Get News

View Usage Agreement

MCIR Training Course

MCIR.org

VIS

IVEN

Exit Application

## Profile report by provider ID

- HPV
  - 156 but not yet 192 months (13 but not yet 16 years)
  - Minimum doses of HPV = 3
  - Minimum dose for other series = 0
  - **Assesses females only**

## Adolescent reminder

- 10 to 11.5 years of age
- Generates letters reminding patients of required series
  - Td
  - IPV
  - MMR
  - HepB
  - Varicella

## Adolescent recall

- 13 but not yet 16 years
- Comprehensive or Simple recall letter
- Personalize provider message
- Reminder Recall Manual available at [www.MCIR.org](http://www.MCIR.org) in the Resource Library
- Contact your regional MCIR Helpdesk for assistance

## Simple recall: parent section

September 22, 2008

MCIR ID 1234567890  
Date of Birth 02/28/1995  
Age of Child 13 Years 6 Months

TEST TESTER  
300 CHANDLER PLAZA  
LANSING, MI 48900

**Dear Parent,**  
One of the most important ways to prevent disease is through routine immunizations. The Michigan Care Improvement Registry (MCIR) indicates that Test may be due for the following immunizations: . . .

### What you need to do:

- Please call the doctor or Health Department and make an immunization appointment.
- Make sure to bring this notice with you to the immunization appointment.
- Have the doctor or health department update MCIR records so all immunizations are recorded.
- Ask for a copy of the updated immunization record for you to keep at home.
- If you think Test has already received these immunizations, please call the doctor or the Health Department, so that they can update the MCIR records.

Please call (269) 983-6518 to schedule an appointment.

## Simple recall: provider section

### Dear Doctor:

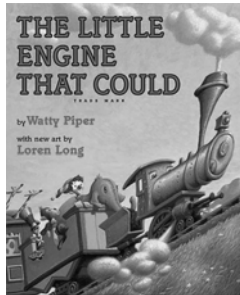
The Michigan Care Improvement Registry records indicated that this child is overdue for the doses listed above. MCIR records as of 09/22/2008 show the following doses have been received:

History of Shots Given by Series							
Vaccine Series	Dose#1	Dose#2	Dose#3	Dose#4	Dose#5	Dose#6	Dose#7
DTP/DTaP/DT/Td							
Hib							
Polio							
MMR							
Hepatitis B							
Varicella							

- If your records do not agree with this summary, or new doses are administered, please ensure that the correct information is entered into MCIR.
- Please call the MCIR office at 888-217-3908 if you have any questions about MCIR information.

## VIM update

- Dose accounting for VFC providers
- Currently 1034 provider sites
  - Out of 1500 total VFC sites
- Timeline
- E-ordering



**Manage Inventory - VFC Public**

Person Reports VIM Rem/Rcl My Site Admin Sch/CC Other

Manage Inv Inv Hist Doses Admin Vls Create Reports Access Reports

Inventory: VFC Public Get Inventory Show inactive lots Balance Inventory

Inventory: VFC Public Last Balanced: 09/09/2008

Name: VFC Public Rtg Nbr: VFC Pin: 180005 Active Date: 04/01/2008

Vaccine	Manufacturer	Lot #	Expires	On Hand	Active
DT (pediatric)	sanofi (DT)	U21050A	04/01/2009	16 doses	<input checked="" type="checkbox"/>
DTaP	Glaxo (INFANRIX)	1234567	06/10/2008	0 doses	<input checked="" type="checkbox"/>
DTaP	sanofi (TRIPEDIA)	8812345	08/31/2008	9 doses	<input checked="" type="checkbox"/>
DTaP	Glaxo (INFANRIX)	AC148060AS	12/14/2009	44 doses	<input checked="" type="checkbox"/>
DTaP	sanofi (TRIPEDIA)	ASDEA	01/01/2010	0 doses	<input checked="" type="checkbox"/>
DTaP-Quadravalent	sanofi (DAPTACEL)	678900	09/21/2009	18 doses	<input checked="" type="checkbox"/>
DTaP-Quadravalent	sanofi (DAPTACEL)	ACU90876	08/07/2010	20 doses	<input checked="" type="checkbox"/>
DTaP-Quadravalent	sanofi (DAPTACEL)	AC2345	12/01/2010	9 doses	<input checked="" type="checkbox"/>
DTaP-Hep B-IPV	Glaxo (PEDIARIX)	765432	05/21/2009	45 doses	<input checked="" type="checkbox"/>
HPV, quadrivalent	Merck (GARDASIL)	875440	12/23/2008	9 doses	<input checked="" type="checkbox"/>
HPV, quadrivalent	Merck (GARDASIL)	8795544	04/01/2010	92 doses	<input checked="" type="checkbox"/>
HPV, quadrivalent	Merck (GARDASIL)	00673	10/20/2010	30 doses	<input checked="" type="checkbox"/>
Hep B (adult)	Merck (RECOMBIVAX)	0723E	12/02/2008	10 doses	<input checked="" type="checkbox"/>

## Add new lot

**Lot Information**

Vaccine: DTaP Expires: Volume/Dose: Mfr (Product): sanofi (TRIPEDIA) Lot #: On Hand: 0 NDC: Presentation: Transaction: 49281-298-10 Date: 49281-298-05 Action: 49281-288-05 49281-288-15 Inventory Effect: ☐ Subtract ☐ Add ☐ N/A LWB Effect: ☐ Subtract ☐ Add ☐ N/A Comment: Created By: Date: 04/14/2008

Submit Add More Cancel

## Add transaction

**Lot Details**

**Lot Information**

Vaccine: DTaP Expires: 06/14/2008 Volume/Dose: 0.5 Mfr (Product): sanofi (TRIPEDIA) Lot #: 999999999 On Hand: 4 NDC: 49281-298-10 Presentation: SDV (1)

**Transaction Detail**

Date: Doses: 0 Action: Reason: Inventory Effect: ☐ N/A LWB Effect: ☐ Subtract ☐ Add ☐ N/A Comment: Created By: 04/14/2008

Submit Cancel

## Transaction detail

Lot Information					
Vaccine	HPV, quadrivalent	Expires	07/10/2009	Volume/Dose:	0.5
Mfr (Product)	Merck (GARDASIL)	Lot #	AC4500CC	On Hand:	4
NDC	00006-4045-41	Presentation	SDV (1)	Lot Status	Active
<a href="#">Inactivate Lot</a>					
Date	Transaction Log	Qty	LWB	Comments	
Add New Transaction					
04/16/2008	Current Balance	4	3		
04/16/2008	VFC Administered Dose: Medicaid	-1	0	Teen Girl (04/04/1993)	
04/15/2008	Breakage	-4	4	Clumsy Me	
04/15/2008	Non-VFC Administered Dose: Private Pay Insurance	-1	-1	Tween Girl (07/05/1994)	
04/14/2008	Transferred In: Provider	10	0		
01/31/2008	Balance Forward	0	0		

## Ending Balance Inventory

**Balance Inventory Details**

Inventory: VFC VFC Pin: 123456 Total Lots: 3

Balance inventory as of 04/16/2008 Get Records Balanced Lots: 2

Lots to Balance: 1

Vaccine	Mfr	Lot #	On Hand	Count	Diff	LWB
DTaP	Glaxo (INFANRIX)	123456	496	495	1	0
DTaP-Hep B-IPV	Glaxo (PEDIARIX)	KLJLJ	93	93	0	7
HPV, quadrivalent	Merck (GARDASIL)	AC4500CC	4	4	0	3

Save/Update Count Completed Cancel

(The presentations may not include all slides listed and the order may be changed.)

## NDC codes

- NDC = National Drug Code
- Save vaccine boxes!
  - NDC from box used to record new lots in MCIR

## Use Physical Inventory Report for refrigerator counts

07/30/2008 Page 1

**Physical Inventory Report**  
Your Provider Site Name (VFC PIN)

Inventory: VFC  
Name of user: \_\_\_\_\_ Date of refrigerator count: \_\_\_\_\_

Vaccine	Exp. Date	Mfr	Lot	NDC	Pres.	Balance	Count
DTaP-Digitect	05/31/2009	Sano6	C7365AA	49281-286-10	VIAL	0	0
DTaP-Digitect	12/18/2009	Sano6	C7360AA	49281-286-10	VIAL	6	6
DTaP-Digitect	01/11/2010	Sano6	C7313AB	49281-286-10	VIAL	20	20
DTaP-Hep B-IPV	10/13/2008	Glaxo	AC21B070AA	58160-811-11	VIALSD	7	7
DTaP-Hep B-IPV	12/05/2009	Glaxo	AC21B128AB	58160-811-11	VIALSD	10	10
DTaP-Hep B-IPV	01/30/2010	Glaxo	AC21B138BA	58160-811-11	VIALSD	30	30
Hep A (ped)	12/20/2009	Glaxo	AHAVB171AA	58160-825-11	VIALSD	6	6
Hep A (ped)	09/12/2010	Glaxo	AHAVB244BA	58160-825-11	VIALSD	10	10
Hep B (adult)	12/20/2008	Merck	0737F	00006-4995-00	VIALSD	4	4
Hep B (adult)	05/31/2010	Glaxo	AHBVB330AA	58160-821-11	VIALSD	2	2
Hep B (ped/adol)	06/09/2009	Merck	0659U	00006-4981-60	VIALSD	0	0
Hep B (ped/adol)	07/31/2009	Merck	0379U	00006-4981-60	VIALSD	9	9
Hep B (ped/adol)	01/26/2010	Merck	1069U	00006-4981-60	VIALSD	20	20
Hib-Ac/Hib-Omn-Hib	03/03/2009	Sano6	UF756AC	49281-545-05	VIALSD	8	8
Hib-Ac/Hib-Omn-Hib	07/04/2009	Sano6	UF756AD	49281-545-05	VIALSD	20	20
IPV, quadrivalent	09/26/2009	Merck	0245U	00006-4045-41	VIALSD	53	53
IPV, quadrivalent	04/14/2010	Merck	1061U	00006-4045-41	VIALSD	140	140

## Ending Inventory Report

09/19/2008 Page 2

**Ending Inventory Report**  
Your Provider Site Name (VFC PIN)

Inventory: VFC

Hep B (adult)										
Doses										
Lot Number	Expiration Date	Begin Balance	Doses In	Doses Out	Admins	Brewd	Unusable LW	Balance	Rfg Count	Diff
0737F	12/07/2008	4	0	0	0	0	0	4	4	0
1837U	08/18/2010	20	0	0	0	0	0	20	20	0
TOTAL		24	0	0	0	0	0	24	24	0

Hep B (ped/adol)										
Doses										
Lot Number	Expiration Date	Begin Balance	Doses In	Doses Out	Admins	Brewd	Unusable LW	Balance	Rfg Count	Diff
AHBVB319AA	05/13/2010	0	0	0	0	0	0	0	0	0
AHBVB316AA	05/13/2010	20	0	0	0	0	0	20	20	0
AHBVB344AA	05/24/2010	10	0	0	0	0	0	10	10	0
TOTAL		30	0	0	0	0	0	30	30	0

Hepatitis A (Pediatric)										
Doses										
Lot Number	Expiration Date	Begin Balance	Doses In	Doses Out	Admins	Brewd	Unusable LW	Balance	Rfg Count	Diff
AHAVB233AA	08/23/2010	43	0	0	38	0	0	4	4	0
AHAVB248AA	09/12/2010	0	0	0	0	0	0	0	0	0
AHAVB319AA	09/12/2010	0	60	0	0	0	0	60	60	0
TOTAL		43	60	38	38	0	0	64	64	0

## VIM tip sheets

- Available online at <http://www.MCIR.org/SuperVIM.html>
  - Manage Inventory
  - Adding/Editing Immunizations
  - Balance Inventory
- Webcast available as well: requires streaming audio/video, speakers or headphones, and Microsoft MediaPlayer

## Preview: E-ordering

The following preview has been approved for  
**ALL AUDIENCES**

The film advertised has been rated PG for  
**Paperless Getting-of-vaccine**

## Place orders: search/add to cart

Vaccine Search PRINT 1100 Home Exit

Person | Reports | VFC Program | Reminder/Recall | My Site | Administration | School/Childcare | Other

Site Search Place Orders Order History / Fulfillment Process Orders View Cart Support Docs Process Endments

Template

Vaccine  Manufacturer

Brand  Presentation

Labeler Code  Product Code

Search Results

NDC	Vaccine	Brand	Manufacturer	Presentation	Pkg	
50160-0856-11	Hep B Ped/Adol	ENGERDX-B®	GlaxoSmithKline	Single Dose Vial	10PK	<input type="button" value="Add to Cart"/>
50160-0856-46	Hep B Ped/Adol	ENGERDX-B®	GlaxoSmithKline	T-L Syringes, NN	5PK	<input type="button" value="Add to Cart"/>
00006-4981-00	Hep B Ped/Adol	RECOMBIVAX-HB®	Merck	Single Dose Vial	10pk	<input type="button" value="Added"/>

## Order step 1: view cart

Order Vaccine - Step 1 of 5

Cost > Shipping > Confirmation > Support Documentation > Complete

Vaccine Cart

X	Product Description	NDC	Qty	Price/Unit	Price
<input checked="" type="checkbox"/>	Hep A (Havrix®) - GlaxoSmithKline 720 ELU/0.5 mL Ped SDV 10/8X	58160-0837-11	100 doses	\$12.25	\$1225.00
<input checked="" type="checkbox"/>	Hep A (Havrix®) - GlaxoSmithKline 720 ELU/0.5 mL Ped TLP NN 5/8X	58160-0825-46	100 doses	\$12.25	\$1225.00
<input checked="" type="checkbox"/>	Hep A (VAQTA®) - Merck 25 Units/0.5 mL Ped SDV 10/8X	00006-4831-41	100 doses	\$18.50	\$1850.00
<input checked="" type="checkbox"/>	Hib (ActHib®) - sanofi pasteur SINGL ENTY VACC CON 10mcg SDV 5/PK	49281-0545-05	100 doses	\$10.83	\$1083.00
<input type="button" value="Save Template"/> <input type="button" value="Update Cart"/> <input type="button" value="Checkout"/> <input type="button" value="Cancel Order"/>					<b>Total: \$5,383.00</b>

## Order step 2: shipping

Order Vaccine - Step 2 of 5

Cost > Shipping > Confirmation > Support Documentation > Complete

Shipping Information

Attn:

Address: Joe's Clinic  
123 Patient Care Dr.  
Lansing, MI 48910  
(517)555-1234

Shipping Hours:  
Monday: 8:00 - 5:00 PM  
Tuesday: 1:00 - 3:00 PM  
Wednesday: 10:00 - 12:00 NOON  
Thursday: NO SHIPPING  
Friday: NO SHIPPING

Instructions:

## Order step 3: confirmation

Order Vaccine - Step 3 of 5

Cost > Shipping > Confirmation > Support Documentation > Complete

Order Confirmation

Shipping Address:  
Attn: Receiving  
123 Patient Care Dr.  
Lansing, MI 48910

Shipping Hours:  
Monday: 8:00 - 5:00 PM  
Tuesday: 1:00 - 3:00 PM  
Wednesday: 10:00 - 12:00 NOON  
Thursday: NO SHIPPING  
Friday: NO SHIPPING

Carrier: Deliver to back door.  
Beware of FIDO!

Ordered By: John O. Clark  
clark.john@here.com

Purchase Order:

☐ Expedite Order (additional charges may apply)

Comment to LHD:

NDC	Description	Qty	Price/Unit	Price
58160-0837-11	Hep A (Havrix®) - GlaxoSmithKline 720 ELU/0.5 mL Ped SDV 10/8X	100 doses	\$12.25	\$1225.00
58160-0825-46	Hep A (Havrix®) - GlaxoSmithKline 720 ELU/0.5 mL Ped TLP NN 5/8X	100 doses	\$12.25	\$1225.00
00006-4831-41	Hep A (VAQTA®) - Merck 25 Units/0.5 mL Ped SDV 10/8X	100 doses	\$18.50	\$1850.00
49281-0545-05	Hib (ActHib®) - sanofi pasteur SINGL ENTY VACC CON 10mcg SDV 5/PK	100 doses	\$10.83	\$1083.00
<input type="button" value="Confirm Order"/> <input type="button" value="Edit Shipping"/> <input type="button" value="Edit Order"/> <input type="button" value="Cancel Order"/>				<b>Total: \$5,383.00</b>

## Order step 4: support documentation

Order Vaccine - Step 4 of 5

Cost > Shipping > Confirmation > Support Documentation > Complete

Support Documentation

Document	Status	Date Completed	User
Inventory	last balanced: 05/31/2007	Complete	06/12/2007 smalleym5432
Temperature Logs	faxed: 06/12/2007	Verified	06/13/2007 schmoeg1432
VFC Doses Administered	executed: 06/12/2007	Complete	06/12/2007 smalleym5432
Wastage	submitted: 06/12/2007	Not Required	06/12/2007 smalleym5432